Product datasheet for TA323690S

TGM1 Rabbit Polyclonal Antibody

Product data:

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Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human cervical cancer Predicted cell location: Membrane
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 72-85 amino acids of human transglutaminase 1 (K polypeptide epidermal type I, protein-glutamine-gamma-glutamyltransferase)
Formulation:	PBS pH7.3, 0.05% NaN3, 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	transglutaminase 1
Database Link:	NP_000350 Entrez Gene 7051 Human P22735
Background:	The protein encoded by this gene is a membrane protein that catalyzes the addition of an alkyl group from an akylamine to a glutamine residue of a protein; forming an alkylglutamine in the protein. This protein alkylation leads to crosslinking of proteins and catenation of polyamines to proteins. This gene contains either one or two copies of a 22 nt repeat unit in its 3' UTR. Mutations in this gene have been associated with autosomal recessive lamellar ichthyosis (LI) and nonbullous congenital ichthyosiform erythroderma (NCIE).
Synonyms:	ARCI1; ICR2; KTG; LI; LI1; TGASE; TGK

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Protein Families: Druggable Genome

Product images:
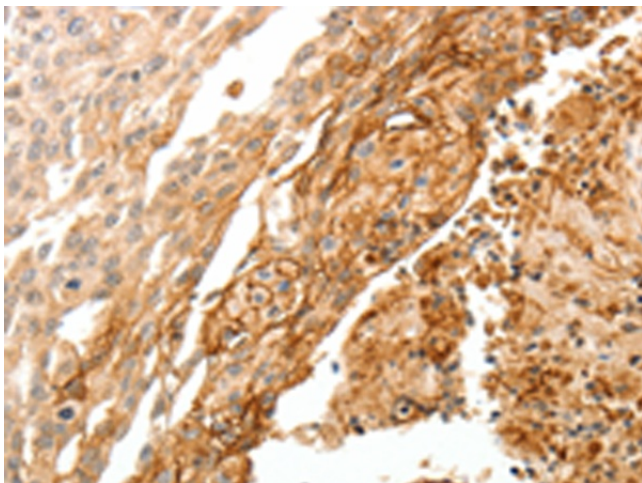
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA323690] (TGM1 Antibody) at dilution 1/30 (Original magnification: ×200)
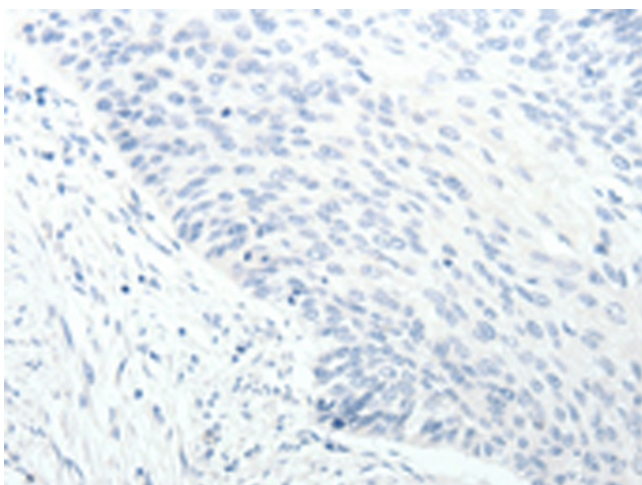
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA323690] (TGM1 Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: ×200)